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United States Department of Agriculture

MONTHLY LIST OF PUBLICATIONS

JANUARY 1942

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Free distribution of technical material and periodicals is restricted.

This monthly list will be sent free on request made to the Office of Information, U. S. Department of Agriculture, Washington, D. C.

FARMERS' BULLETINS

Growing alfalfa. H. L. Westover, Bureau of Plant Industry. 29 p., illus. (F. B. 1722F., rev.) Price 10¢.

Apple varieties and important producing sections of the United States. J. R. Magness, Bureau of Plant Industry. 32 p., illus. (F. B. 1883F.) Price 10¢.

Reducing losses from tree diseases in eastern forests and farm woodlands. George H. Hepting, Bureau of Plant Industry. 22 p., illus. (F. B. 1887F.) Price 10¢.

Fireplaces and chimneys. Arthur H. Senner and Thomas A. H. Miller, Bureau of Agricultural Chemistry and Engineering. 52 p., illus. (F. B. 1889F.) Price 40¢.

Diseases of strawberries. J. B. Demaree, Bureau of Plant Industry. 27 p., illus. (F. B. 1891F.) Price 10¢.

Pruning southern pines. Wilbur R. Mattoon, Forest Service. 34 p., illus. (F. B. 1892F.) Price 10¢.

LEAFLETS

The sand wireworm. J. N. Tenhet, Bureau of Entomology and Plant Quarantine. 8 p., illus. (Leaf. 212L.) Price 5¢.

TECHNICAL BULLETINS

Field studies of insecticides used to control cabbage caterpillars in the South. W. J. Reid, Jr., Chas. E. Smith, L. B. Reed, and W. A. Thomas, Bureau of Entomology and Plant Quarantine, in cooperation with the Agricultural Experiment Stations of Louisiana and South Carolina. 36 p., illus. (T. B. 782T.) Price 10¢.

Relative effectiveness of acid lead arsenate and other materials as stomach poisons for the larvae of the Japanese beetle. Walter E. Fleming, Bureau of Entomology and Plant Quarantine. 32 p. (T. B. 788T.) Price 10¢.

Erodibility investigations on some soils of the upper Gila watershed. Joel E. Fletcher and E. L. Beutner, Soil Conservation Service, and the Arizona Agricultural Experiment Station Cooperating in Research. 32 p., illus. (T. B. 794T.) Price 10¢.

Methods of forecasting timber growth in irregular stands. W. G. Wahlenberg, Forest Service. 56 p., illus. (T. B. 796T.) Price 15¢.

Serviceability of selected types of cotton and rayon knit underwear. Ruth Elmquist Rogers and Margaret B. Hays, Bureau of Home Economics; and John J. Brown, Bureau of Agricultural Economics. 22 p., illus. (T. B. 803T.) Price 5¢.

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Experiments with annual crops and permanent pastures to provide grazing for dairy cows in the Sandhill region of the Southeast. E. W. Faires and J. R. Dawson, Bureau of Dairy Industry, and J. P. LaMaster and G. H. Wise, South Carolina Agricultural Experiment Station. 42 p., illus. (T. B. 805T.) Price 10¢.

CIRCULARS

The freezing temperatures of some fruits, vegetables, and florists' stocks. R. C. Wright, Bureau of Plant Industry. 12 p. (Cir. 447C, rev.) Price 5¢.

Harvesting pyrethrum. A. F. Sievers and M. S. Lowman, Bureau of Plant Industry; and W. M. Hurst, Bureau of Agricultural Chemistry and Engineering. 28 p., illus. (Cir. 581C.) Price 5¢.

Observations on the biology and control of the treehopper *Helivia praealta* (Fowler) in orchards of the Pacific Northwest. M. A. Yothers and Paul B. Allen, Jr., Bureau of Entomology and Plant Quarantine. 12 p., illus. (Cir. 606C.) Price 10¢.

Studies on the control of cabbage caterpillars with derris in the South. W. J. Reid, Jr., C. E. Smith, L. B. Reed, and C. O. Bare, Bureau of Entomology and Plant Quarantine; in cooperation with the Agricultural Experiment Stations of Louisiana and South Carolina. 27 p., illus. (Cir. 615C.) Price 10¢.

The comparative winter hardiness of oat varieties. Franklin A. Coffman, Bureau of Plant Industry. 35 p., illus. (Cir. 622C.) Price 10¢.

Birdsfoot trefoil and big trefoil. Roland McKee and H. A. Schoth, Bureau of Plant Industry. 14 p., illus. (Cir. 625C.) Price 5¢.

Control of the locust borer. Ralph C. Hall, Bureau of Entomology and Plant Quarantine, in cooperation with the Forest Service and Ohio State University. 19 p., illus. (Cir. 626C.) Price 5¢.

Fruit pressure testers and their practical applications. Mark H. Haller, Bureau of Plant Industry. 22 p., illus. (Cir. 627C.) Price 5¢.

Soybean and Korean lespedeza hays compared with alfalfa for wintering beef calves. Earl W. McComas and M. W. Hazen, Bureau of Animal Industry; and James E. Comfort, University of Missouri. 8 p. (Cir. 629C.) Price 5¢.

SERVICE AND REGULATORY ANNOUNCEMENTS

Regulations of the Secretary of Agriculture under the United States Grain Standards Act as amended. Effective August 26, 1941. Service and regulatory announcements No. 148. Agricultural Marketing Service. (S. R. A.–A. M. S. 148). 17 p.[1]

Regulations for the enforcement of the Insecticide Act of 1910. Service and regulatory announcements No. 162. October 1941. Agricultural Marketing Service. (S. R. A.–A. M. S. 162.) 9 p.[1]

Notices of judgment under the Insecticide Act. Agricultural Marketing Service. Pp. 517–525. (N. J., I. F. 1790–1800).[1]

OTHER PUBLICATIONS

DN–4. **Suggestions for panel discussions.** Bureau of Agricultural Economics. Folder.

A study of the adult populations of the West Indian fruitfly in citrus plantings in Puerto Rico. L. C. McAlister, Jr., W. A. McCubbin, G. A. Pfaffman, W. T. Owrey, H. G. Taylor, and I. W. Berryhill, Bureau of Entomology and Plant Quarantine. 16 p., illus. (Puerto Rico Bulletin 41.) Price 10¢. For sale only.

Annual report of the Manager of the Federal Crop Insurance Corporation, 1941. Leroy K. Smith. 25 p. Price 10¢.

Report of the Chief of the Agricultural Marketing Service, 1941. C. W. Kitchen. 55 p. Price 10¢. For sale only.

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Farmers' Bulletins	Leaflets	Other publications

Report of the Chief of the Bureau of Agricultural Chemistry and Engineering, 1941. Henry G. Knight. 86 p. Price 15¢.

Report of the Chief of the Bureau of Plant Industry, 1941. E. C. Auchter. 54 p. Price 10¢.

Report of the Chief of the Commodity Exchange Administration, 1941. J. M. Mehl. 45 p. Price 10¢.

Report of the Secretary of Agriculture, 1941. Claude R. Wickard. 245 p. Price 25¢.

PERIODICALS

Free distribution of periodicals is definitely restricted. They may be obtained by purchase or subscription from the Superintendent of Documents.

Agricultural situation. Vol. 26, No. 1, January 1942. Price 5¢ a copy; 50¢ a year, domestic; 70¢ a year, foreign.[2]

Agriculture in the Americas. Index, Vol. 1, February–December 1941; Vol. 2, No. 2, January 1942. Illus. Price 10¢ a copy; 75¢ a year, domestic; $1.20 a year, foreign.[2]

Experiment station record. Vol. 84, Index number; Vol. 86, No. 1, January; No. 2, February 1942. Price, $1 per volume (2 volumes a year) consisting of 6 monthly numbers and index; $1.75 per volume, foreign.[2] Single numbers for sale only. Price 15¢.

Extension service review. Vol. 13, No. 1, January 1942. Illus. Price 10¢ a copy; 75¢ a year, domestic; $1.15 a year, foreign.[2]

Fire control notes. Vol. 6, No. 1, January 1942. Price, 15¢ a copy; 50¢ a year, domestic.[2]

Journal of agricultural research. Price, $3.25 a year, domestic; $4.75 a year foreign. Each issue, 15¢, domestic; 20¢ foreign. Separates, 5¢, domestic; 8¢, foreign.[2] Not distributed free to individuals.

Separates. A small supply of each separate is given to the originating bureau or station for its staff, cooperators, and for such other distribution as can be made. Others interested may purchase copies from the Superintendent of Documents, Washington, D. C., at 5¢ each. **The Office of Information has none for general distribution.**

G–1206. (In Vol. 63, No. 6.) **Effect of stage of maturity at time of harvest on germination of sweet corn.** C. W. Culpepper and H. H. Moon.

G–1213. (In Vol. 63, No. 3.) **Inheritance studies on duration of developmental stages in crosses within the genus *Lycopersicon*.** LeRoy Powers and Channing B. Lyon.

G–1216. (In Vol. 63, No. 8.) **Inheritance of seed characters in watermelon.** Charles F. Poole, Paul C. Grimball, and D. R. Porter.

G–1221. (In Vol. 63, No. 7.) **Inheritance of rust reaction in a cross between between the flax varieties Buda and J. W. S.** H. H. Flor.

G–1222. (In Vol. 63, No. 7.) **A genetic study of common bean mosaic under conditions of natural field transmission.** B. L. Wade and C. F. Andrus.

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G–1231. (In Vol. 63, No. 8.) **Chlorate toxicity and persistence in relation to soil reaction.** Annie M. Hurd-Karrer.

G–1232. (In Vol. 63, No. 10.) **Effect of different soil colloids on the toxicity of sodium selenite to millet.** P. L. Gile and H. W. Lakin.

K–314. (In Vol. 63, No. 11.) **Relation between wetting power of a spray and its initial retention by a fruit surface.** H. L. Cupples.

Calif.–118. (In Vol. 63, No. 7.) **Root rot of pepper and pumpkin caused by *Phytophthora capsici*.** C. M. Tompkins and C. M. Tucker.

Calif.–119. (In Vol. 63, No. 11.) **A mosaic disease of *Primula obconica* and its control.** C. M. Tompkins and John T. Middleton.

Minn.–118. (In Vol. 63, No. 11.) **Meeting the vitamin D requirement of pigs with alfalfa hay and winter sunshine.** D. W. Johnson and L. S. Palmer.

N. Y. (Cornell)–49. (In Vol. 63, No. 6.) **The causes of stillbirth in swine and an attempt to control it.** S. A. Asdell and J. P. Willman.

Oreg.–20. (In Vol. 63, No. 11.) **Iodine in relation to plant nutrition.** J. C. Lewis and W. L. Powers.

S. Dak.–6. (In Vol 63, No. 7.) **A study of sampling in cross-section measurements of wool fiber.** Barbara Bailey.

S. Dak.–7. (In Vol. 63, No. 10.) **Physical and chemical properties of flannels containing different proportions of new and reprocessed wool.** Barbara Bailey.

Wash.–38. (In Vol. 63, No. 7.) **The chemical composition and apparent digestibility of nutrients in smooth bromegrass harvested in three stages of maturity.** Jerry Sotola.

Wis.–130. (In Vol. 63, No. 7.) **Growth substance in crown gall as related to time after inoculation, critical temperature, and diffusion.** A. J. Riker, Berch Henry, and B. M. Duggar.

Wis.–131. (In Vol. 63, No. 9.) **A comparison of *Fusarium avenaceum*, *F. oxysporum*, and *F. solani* var. *eumartii* in relation to potato wilt in Wisconsin.** John G. McLean and J. C. Walker.

——— Vol. 64, No. 1, January 1; No. 2, January 15, 1942.

Land policy review. Index, Vol. 4, 1941; Vol. 5, No. 1, January 1942. Price 5¢ a copy; 50¢ a year, domestic.[2]

News for farmer cooperatives. Vol. 8, No. 9, December 1942. Price 10¢ a copy; $1 a year, domestic.[2]

Rural electrification news. Vol. 7, No. 5, January 1942. Price 10¢ a copy; 75¢ a year, domestic; $1.50 a year, foreign.[2]

Soil conservation. Vol. 7, No. 7, January 1942. Price 10¢ a copy; $1 a year, year, domestic; $1.50 a year, foreign.[2]

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